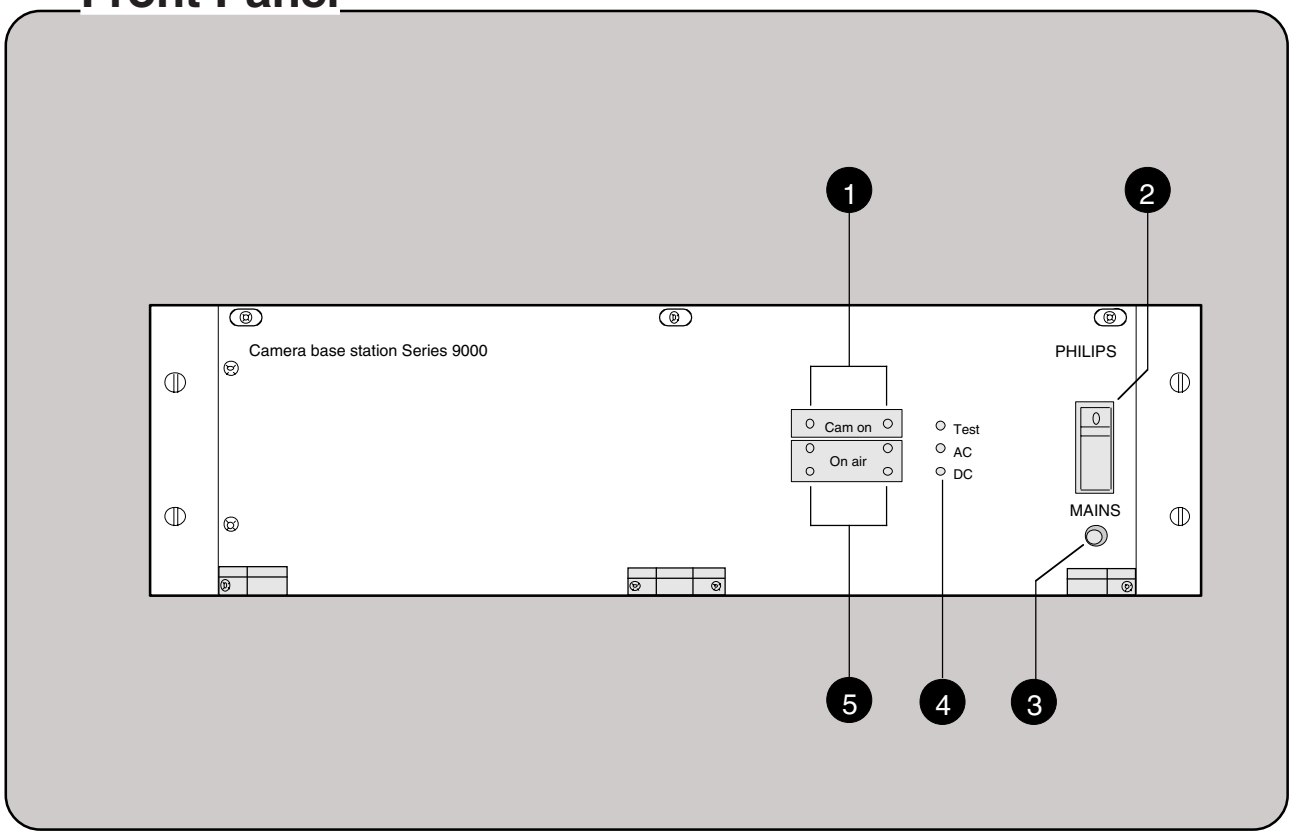
LDK 4053

Camera Base Station

Operator's Manual

3922 496 48411

Front Panel



1 Camera On Indicator

Lights to indicate that the connected camera is switched on and receiving power.

2 Mains Power Supply Switch

Switches mains power supply to base station on or off.

3 Mains Power Supply Indicator

Lights to indicate that power is being supplied to the base station.

4 Camera Status Indicator

The test LED lights to indicate that the triax cable connection between camera and base station has been tested and is working correctly.

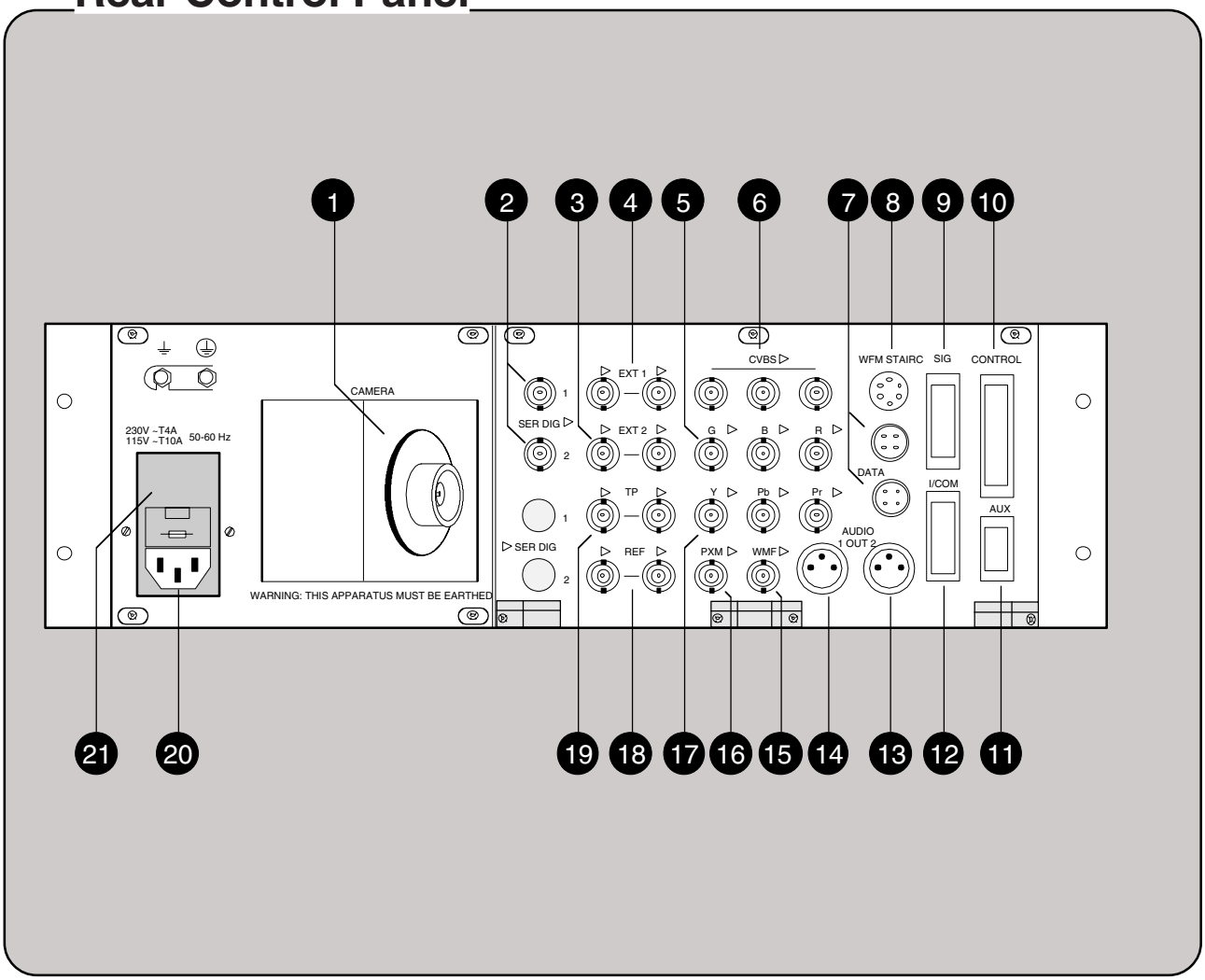
The AC LED lights to indicate that a studio camera or large lens adapter is connected.

The DC LED lights to indicate that a portable camera is connected.

5 On-air Indicator

Lights to indicate that the signal from the connected camera is being broadcast or recorded.

Rear Control Panel



1 Triaxial Cable Connector

Connector for triaxial cable to camera which carries all signals and power.

2 Serial Digital Video Output

Both connectors supply a serial digital video signal if the optional serial digital video module is present.

3 External Video Input Connector 2

BNC input connector and looped-through output for 1Vpp external video signals.

4 External Video Input Connector 1

BNC input connector and looped-through output for 1Vpp external video signals.

5 G, B and R Output Connectors

The three connectors supply 1 Vpp green, blue and red signals with sync. from camera.

6 CVBS Output Connectors

Each of the three connectors supplies a 1 Vpp CVBS signal from the camera.

❼ Data Connector

Connector for external data control unit.

❽ Waveform Monitor Connector

A 6-pin connector which supplies stairstep and parade signals for waveform monitor switching.

❾ Signalling Connector

A 15-pin connector used for signalling purposes.

❿ Control Panel Connector

Used to connect the compact version of the operational control panel (LDK 4622) to the base station.

⓫ Aux. Connector

A 9-pin connector for private data transmission and analogue control signals. The aspect ratio for wide screen sensor cameras can be switched via this connector (see Installation Manual).

⓬ Intercom Connector

Connector for 2-wire or 4-wire programming, production and engineering intercoms.

⓭ Audio 2 Output Connector

Balanced audio output signal (nominal +6dBu). Output level can be controlled via signalling connector.

⓮ Audio 1 Output Connector

Balanced audio output signal (nominal +6dBu). Output level can be controlled via signalling connector.

⓯ Waveform Monitor Connector

Supplies 1Vpp output video signal for waveform monitor.

⓰ Picture Monitor Connector

Supplies 1Vpp output video signal for picture monitor.

⓱ Component Signals Connectors

Three BNC connectors which supply Y, Pb and Pr component signals according to SMPTE/EBU standard.

⓲ Reference Signal Connectors

BNC input connector and looped-through output for nominal CVBS or black burst reference signals for genlocking.

⓳ Teleprompter Connectors

BNC input connector and looped-through output for 1Vpp teleprompter signals.

⓴ Mains Power Supply Input Connector

Input voltage
for NTSC version: 115 Vac (±15%)
for PAL version: 230 Vac (±15%)
The frequency of the mains power supply must be between 47 to 63 Hz.

㉑ Mains Power Supply Fuses

For 115 Vac Line voltage : 10A Slow, 250 Vac
For 230 Vac Line voltage : 4A Slow, 250 Vac